

STATE OF MISSOURI  
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

RECEIVED  
FEB 08 2012

FORM OGC-3

FEB 08 2012

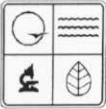
<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR Kansas Resource Exploration and Development, LLC						DATE 12/01/2011			
ADDRESS 9393 West 110th St., Suite 500				CITY Overland Park		STATE KS		ZIP CODE 66210	
<b>DESCRIPTION OF WELL AND LEASE</b>									
NAME OF LEASE Belton Unit				WELL NUMBER R-27		ELEVATION (GROUND) 1,057 feet			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 4,890 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South section line 3,818 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line									
WELL LOCATION Sec. 16 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE 57 n38 48.95'		LONGITUDE 48.6 w94 34.81'		COUNTY Cass	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 191 FEET									
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 288 FEET									
PROPOSED DEPTH 650'		DRILLING CONTRACTOR, NAME AND ADDRESS Utah Oil, LLC				ROTARY OR CABLE TOOLS Rotary		APPROX. DATE WORK WILL START 02/01/2012	
NUMBER OF ACRES IN LEASE 560		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 87							
		NUMBER OF ABANDONED WELLS ON LEASE 0							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME DE Exploration ADDRESS 4595 Highway K33, Wellsville, KS 66092						NO. OF WELLS PRODUCING 50 INJECTION 28 INACTIVE 8 ABANDONED 0			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$		<input checked="" type="checkbox"/> BLANKET BOND OK AMOUNT \$ 80,000		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)									
<b>PROPOSED CASING PROGRAM</b>				<b>APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST</b>					
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT		
20'	8 5/8"		6 sks	20'	8 5/8"	~15	Full		
650'	4 1/2"		125 sks	650'	4 1/2"	~10	Length		
I, the Undersigned, state that I am the Agent of the K.R.E.D. (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.									
SIGNATURE TS/L						DATE 01/18/2012			
PERMIT NUMBER 037-20858				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN					
APPROVED DATE 2-23-12				<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN					
APPROVED BY Joseph A. [Signature]				<input type="checkbox"/> SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED					
				<input type="checkbox"/> WATER SAMPLES REQUIRED AT					
<b>NOTE</b> THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.									
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE									
B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.									
DRILLER'S SIGNATURE B. Leech						DATE 2/4/12			

MO 780-0211 (3-11)

REMIT ONE (1) COPY TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573-368-2143.

Belton 38.82 -94.58

OK/12  
2/23/12

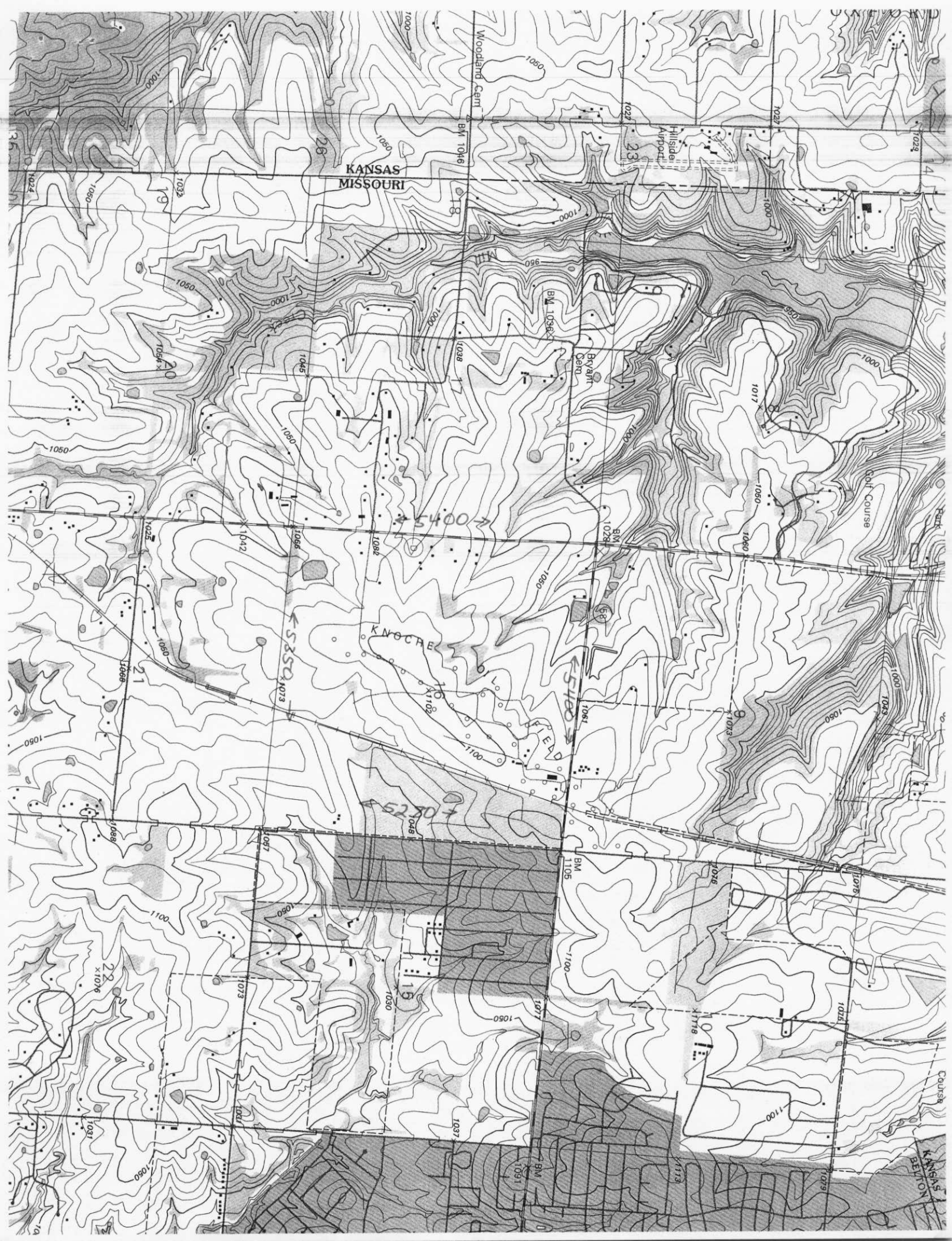


STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**WELL LOCATION PLAT**

FEB 08 2012

FORM OGC-4

OWNER'S NAME Kansas Resource Exploration & Development	
LEASE NAME Belton Unit	COUNTY Cass
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 4890 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line 3818 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line	
WELL LOCATION Sec. 16 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
LATITUDE N38 48.95'	LONGITUDE W94 34.81'
<div><p>Sec 16</p><p>○ proposed well</p><p>● nearest well</p><p>--- nearest lease lines</p><p>N ↑</p><p>Scale</p><p>1 Square = 6600'</p></div> <p>OK 1886' P-27 P-11 3818' 4890'</p>	
REMARKS Special project status section 16 is odd shaped. see attached	
<b>INSTRUCTIONS</b> On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.	
This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.	
REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED	REGISTERED LAND SURVEYOR NUMBER







STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

FORM OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> INJECTION <input type="checkbox"/> SAME RESERVOIR <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> DRY									
OWNER Kansas Resource Exploration & Development LLC					ADDRESS 9393 W. 110th Street, Ste. 500, Overland Park, KS 66210				
LEASE NAME Belton					WELL NUMBER 2-27				
LOCATION OF WELL Sec. 16 Twp 46 North, Rng 33 East		SEC TWN RNG OR BLOCK AND SURVEY		EAST WEST 4810 ft. from North 3810 ft. from East		LATITUDE N38 48 51		LONGITUDE W94 34 48.6	
COUNTY Cass		PERMIT NUMBER (OGC-3 OR OGC-31) 037-20858							
DATE SPUDDED 4.1.2012		DATE TOTAL DEPTH REACHED 4.2.2012		DATE COMPLETED READY TO PRODUCE OR INJECT 7.30.2012		ELEVATION (DF, RKR, RT, OR Gr.) 1057 FEET		ELEVATION OF CASING HD FLANGE 1057 FEET	
TOTAL DEPTH 700		PLUG BACK TOTAL DEPTH							
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION 479-487, 491-521, 602-608					ROTARY TOOLS USED (INTERVAL) 0 TO 700		CABLE TOOLS USED (INTERVAL) N/A		
WAS THIS WELL DIRECTIONALLY DRILLED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		WAS DIRECTIONAL SURVEY MADE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		DRILLING FLUID USED WAS COPY OF DIRECTIONAL SURVEY FILED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		DATE FILED			
TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST) Gamma Ray/Neutron/CCL						DATE FILED 02/19/2014			
<b>CASING RECORD</b>									
CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)									
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED			
Surface	12 1/4"	8 5/8"	20#	22.6	10	0			
Longstring	6 1/2"	4 1/2"	10.5#	700	113	0			
<b>TUBING RECORD</b>									
SIZE 2 3/8 INCH	DEPTH SET N/A 700 FEET	PACKER SET AT N/A FEET	SIZE N/A INCH	TOP N/A FEET	BOTTOM N/A FEET	SACKS CEMENT N/A	SCREEN N/A FEET		
<b>PERFORATION RECORD</b>									
NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED			DEPTH INTERVAL			
2	3 3/8" DP 23 GR.	479-487 491-521 602-608	60 sks, 20/40 sand			479-487, 491-521 602-608			
<b>INITIAL PRODUCTION</b>									
DATE OF FIRST PRODUCTION OR INJECTION 7.30.2012		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)							
DATE OF TEST 7.30.12	HOURS TESTED 24	CHOKE SIZE N/A	OIL PRODUCED DURING TEST 3 BBLs	GAS PRODUCED DURING TEST 0 MCF		WATER PRODUCED DURING TEST 5 BBLs		OIL GRAVITY 24 API (CORR.)	
TUBING PRESSURE 0	CASING PRESSURE 0	CALCULATED RATE OF PRODUCTION PER 24 HOURS 3		OIL 3 BBLs	GAS 0 MCF	WATER 5 BBLs		GAS OIL RATIO 0	
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)									
METHOD OF DISPOSAL OF MUD PIT CONTENTS Air Dry									
CERTIFICATE: I, the Undersigned, state that I am the <u>Ceo</u> of the <u>kred</u> (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.									
DATE 02/19/2014		SIGNATURE 							

**INSTRUCTIONS:** Attach drillers log or other acceptable log of well.

- \* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

### DETAIL OF FORMATIONS PENETRATED

[illegible]

# Belton R-27

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
6	Topsoil <sup>clay</sup>		6	11	SAND	Bleeding	512
25	Lime		31	1	Lime		513
10	Shale		41	8	SAND		521
1	Lime		42	22	Shale	SANDY	543
8	Shale		50	18	SAND		561
5	Lime		55	28	SAND	Silted	589
6	Shale		61	12	SAND	Blk Sand Bleed	601
9	Shale	Red	70	4	SAND	Good Bleed	605
15	Shale		85	16	SAND	Blk Sand + Shale	621
5	Lime		90	20	Shale	SANDY + Limey	641
2	Shale	Blk	92	20	SAND	Grey Base Squirrel	661
31	Shale		123	20	SLATE	Blk	681
18	SAND		141	19		Shale Oakley, Verdigris	700
2	Lime		143				
11	Shale		154			T.O. - 700'	
28	Lime		182				
13	Shale		195				
14	Lime		209				
7	Shale		216				
2	Lime		218				
1	Shale		219				
2	Lime		221				
1	Shale		222				
3	Lime	Hc	225		Base Pawnee Lime		
173	Shale		404		Labette Shale		
10	Lime		414		Higginsville Lime		
7	Shale	Limey	421		Summit Coal		
5	Shale	" "	426				
25	Lime	SANDY	451		Blackjack Creek Lime		
5	Lime		456				
22	Shale		478		Mulkey Coal		
3	SAND	BRITEN	481		Top Squirrel Sand		
18	SAND	OIL	499				
1	Lime		500				
1	SAND	Bleed	501				